



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4551

SERIAL NUMBER 10/690,322	FILING OR 371(c) DATE 10/21/2003 RULE	CLASS 707	GROUP ART UNIT 2161	ATTORNEY DOCKET NO. 018360/246794
------------------------------------	---	---------------------	-------------------------------	---

APPLICANTS
 Timothy C. Owens, New Freedom, PA;
 Bruce E. Harrison, Baltimore, MD;

**** CONTINUING DATA ******* *None* *LN*

**** FOREIGN APPLICATIONS ******* *None* *LN*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 01/21/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>[Signature]</i> Examiner's Signature <i>LN</i> Initials	STATE OR COUNTRY PA	SHEETS DRAWING 11	TOTAL CLAIMS 45 20	INDEPENDENT CLAIMS 14 3
--	---	-------------------------------	-----------------------------	---	--

ADDRESS
826

TITLE
Data structure and management system for a superset of relational databases

FILING FEE RECEIVED 3138	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---